



## Document Summary



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**Document ID:** J P 2000-242898 A2

**Title:** PERIPHERAL VEHICLE NOTIFICATION DEVICE

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### Abstract:

**PROBLEM TO BE SOLVED:** To predict a possible range of future movement in addition to information regarding the positions of other vehicles and to make accurately supportable the state of a driver by providing a judging means which judges a possibility that another vehicle disturbs the travel of its own vehicle according to the arithmetic result of the area by which the prediction ranges of its own vehicle and the other vehicle overlap each other, a notification means which notifies the user of the judged result, etc.

**SOLUTION:** According to the speed and travel direction of its own vehicle, a processing part 12 predicts a geometrical range where its own vehicle possibly moves a prediction time (n seconds) predetermined in the processing part 12 later, i.e., can move within the prediction time and displays it on the screen of a display part 14. Further, it is judged whether or not the ranges where other vehicles can move overlapping the range of movement predetermined about its own vehicle. The user is notified of overlapping movement ranges with an image or sound so that the user can recognize the vehicles having the overlapping movement ranges and the movement ranges of other vehicles and this vehicle are displayed at a display part 14 together.

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